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## ADDITIONS TO THE LIST OF KANSAS COLEOPTERA, 1903-'04.

By WARREN KNAUS, McPherson, Kan.

Read before the Academy, at Topeka, December 30, 1904.

THE 115 species of Coleoptera contained in the following list, not previously recorded from Kansas, come from all parts of the state, but more than one-half of them are from Kiowa and Meade counties. The additions were mostly made by Prof. F. H. Snow and party, who collected in June and July, 1903, in Clark county, near Englewood, and the previous season in Hamilton and Morton counties. Sixty-one of the species of this list should be credited to Professor Snow from these counties, and three species from Douglas county. F. F. Crevecoeur added twenty-three species from near Onaga, and Prof. E. A. Popenoe contributed two species from Meade and Hamilton counties. The others were added by myself from Kiowa, McPherson and Reno counties, and southeast Kansas.

These additions bring the list of Kansas Coleoptera up to near 3000 species, and, when the various families are worked over, the list will be found to considerably exceed 3000 species.

Thanks are due to Mr. H. C. Fall, of Pasadena, Cal., H. F. Wickham, of Iowa City, Iowa, Charles Liebeck, of Philadelphia, Pa., and the late P. Jerome Schmidt, of Beatty, Pa., for determinations.

- 126 *Calosoma protractum* Lec. Clark county.
- 215 *Pasimachus duplicatus* Lec. Clark county.
- 397 *Bembidium dejectum* Cas. Hamilton county.
- 408 *Bembidium dubitans* Lec. Hamilton county.
- 440 *Tachys corruscus* Lec. Hamilton county.
- 666 *Amara confusa* Lec. Clark county.
- 739 *Badister flavipes* Lec. Hamilton county.
- 858 *Diaphorus tenuicollis* Lec. McPherson, Kan., October. One specimen.
- 977a *Brachynus similis* Lec. Hamilton county.
- 1176 *Harpalus dichrous* Dej. Onaga, Kan. Common.
- 1110 *Harpalus funestus* Lec. Hamilton and Clark counties.
- 1177 *Anisodactylus harpaloides* Laf. Clark county.
- 1179 *Anisodactylus opaculus* Lec. Clark county.
- 1607 *Berosus subsignatus* Lec. Clark county.
- 1664 *Cercyom pubescens* Lec. Onaga, July and August. Four specimens.
- 9332 *Cercyom hæmorrhoidalis* Fall. Onaga, July and August. Three specimens.
- 1690 *Cryptopleurum minutum* Fab. Onaga, August. Common.
- Scydmænis*, n. sp. Onaga, July 14. One specimen.
- Batrissus harringtonii* Cas. Onaga, May 17. Two specimens.
- Reichenbachia kansanus* Cas. Onaga, May 7. Several specimens.
- Reichenbachia arctifer* Cas. Described from Kansas.
- Falagria* sp. McPherson, May. Several specimens.

- Atheta* sp. McPherson, May. Two specimens.  
*Tachyusa* sp. Belvidere, June. Two specimens.  
*Gyrophœna* sp. Onaga, July. On fungus.  
 2164 *Philonthus semiruber* Horn. Clark county.  
 2179 *Philonthus longicornis* Steph. Onaga, June. Three specimens.  
 2182 *Philonthus alumnus* Er. Onaga.  
 2294 *Leptacinus cephalicus* Lec. Onaga. Two specimens.  
 2640 *Cilea silphoides* Linn. Onaga, July and August. Common.  
 2676 *Mycetoporus splendidus* Grav. March. Two specimens.  
 2712 *Bledius armatus* Er. Hamilton county.  
 2738(?) *Bledius suturalis* Lec. Hamilton county.  
 9713 *Oxytelus densus* Cas. Onaga, April. Six specimens, under stones.  
*Trogophleus* sp. Belvidere, June.  
*Trogophleus* sp. Onaga, July.  
*Bæocera* sp. Onaga, July. On fungus.  
 9879 *Acylomus calcaratus* Cas. Onaga, July, August. Common on fungus.  
*Atomaria* sp. McPherson, April and May. Common on grass.  
*Elmis* sp. Belvidere, July.  
 4109 *Cardiophorus gagates* Er. Clark county.  
 10552 *Cryptohypnus cucullatus* Horn. Hamilton county.  
 4343? *Melanotus sagittatus* Lec. Clark county.  
 4639a *Chrysobothris alabamæ* Gory. Belvidere, and Kiowa and Clark counties, June.  
 4642 *Chrysobothris contigua* Lec. McPherson, May. One specimen.  
 4751 *Agrius pulchellus* Bland. Clark county, June. One specimen.  
*Agrius* sp. Belvidere, July. On elm and willow.  
 4891 *Podabrus brunnicollis* Lec. Onaga, July. Three specimens.  
*Hydnocera* sp. Onaga, June and July.  
*Hydnocera* sp. Belvidere, July; McPherson, October.  
 5451 *Phaneus difformis* Lec. Belvidere and west, July.  
 5480 *Rhyssenus scaber* Hald. Medora, June. One specimen.  
 5482 *Rhyssenus sonatus* Lec. Clark county.  
 5490 *Ætenius figurator* Horn. Hamilton county.  
*Ætenius* sp. Hamilton county.  
 5590a *Bolbocerus tumefactus* Beauv. Lawrence.  
 5615 *Trox asper* Lec. Lawrence.  
*Diplotaxis* sp. Belvidere, June. One specimen.  
 5737 *Lachnosterna cribrosa* Lec. Clark county. One specimen.  
 5818 *Listrochoelus fimbripes* Lec. Clark county. One specimen.  
 5881 *Strategus anteus* Fab. Sedan, Kan., July 30. Doubtfully reported (Cooper) from Topeka, Kan., in Popenoe's first list of Kansas Coleoptera.  
 5929 *Cremastochilus canaliculatus* Kirby. Lawrence.  
 5931 *Cremastochilus castanea* Knoch., var. *lecontei*. East Kansas. One specimen.  
 6141 *Batyle suturalis* Say, var. *pearsalli* Bland. Hamilton county.  
 6208 *Clytanthus albofasciatus* Laf. Clark and Kiowa counties, June.  
 6381 *Monilema crassum* Lec. Clark county.  
 6513c *Tetraopes oregonensis* Lec. Hamilton county.  
 6564 *Lema texana* Cr. Clark county.  
 6574 *Lema texana negrovittata* Guer. Clark county.  
 6584 *Coscinoptera æneipennis* Lec. Hamilton county, June (Popenoe); Clark county (Snow).

- 6707 *Diachus auratus* Fab. Rago and Belvidere, June.  
 6713 *Diachus pallidicornis* Suffr. Rooks county and northwest, July.  
 10354 *Metachroma æneicollis* Horn. Clark county.  
 10369 *Colaspoides opasicollis* Horn. Clark county.  
 6796 *Chrysomela conjuncta* Rog., var. *pallida* Say. Hamilton and Morton counties.  
 6909 *Galerucella notulata* Fab. Clark county.  
 10434 *Longitarsus turbatus* Horn. Onaga, July. Three specimens.  
 6963 *Haltica ingnita* Ill. Medora, June. On willow.  
 7092 *Stenopodius flavidus* Horn. Clark county.  
 10475 *Zabrotes subnitens*. Clark county.  
 7314 *Eusattus difficilis* Lec. Clark county.  
     *Blapstinus*, sp. near *dilatatus* Lec. Clark county.  
 7434 *Blapstinus fortis* Lec. Clark county.  
 7436 *Blapstinus brevicollis* Lec. Wallace county.  
 7437 *Lecontei* Muls. Wallace county. Rare.  
 7481 *Uloma impressa* Melsh. Southeast Kansas. Rare.  
 7492 *Præteus fuscus* Lec. Benedict. One specimen.  
 7516-17 *Platydemia subquadratum* Mots. Benedict. One specimen.  
 7542 *Boletothrips depressus* Rand. East Kansas. Rare.  
 7580 *Strongylium terminatum* Say. Onaga, July and August.  
 7784 *Mordella lunulata* Helm. Hamilton county.  
     *Mordella* sp. Hamilton county.  
 7819 *Mordellisema tosta* Lec. Onaga. Two specimens at light.  
 7858 *Mordellisema æthiops* Smith. Clark county.  
     *Amthycus mimus* Cas. Hamilton county.  
     *Amthycus* near *spretus* Lec. Clark county.  
 8048 *Zonitis flavida* Lec. Meade county. One specimen.  
 8108 *Pyrota terminata* Lec. Meade county, May. (Popenoe.)  
 8119 *Pyrota sinuata* Oliv. Clark county.  
 8241 *Calyptinus cryptops* Horn. Clark county.  
 8267 *Peritaxia hispida* Horn. Clark county.  
 8324 *Phæcepholis obscura* Horn. Clark county.  
 10822 *Macrops interpunctatus* Dietz. Clark county.  
     *Macrops*, sp. near *montanus* Dietz. Clark county.  
 8491 *Lixus silvius* Boh. Clark county.  
 8513 *Stephanocleonus plumbeus* Lec. Clark county.  
 8555 *Smicronyx tichoides* Lec. Hamilton county.  
 8575? *Endalus ovalis* Lec. Clark county.  
 8758 *Acalles nobilis* Lec. Clark county. Common.  
 11127 *Onychobaris millepore* Cas. Clark county.  
 8916? *Calandrinus grandicollis* Lec. Clark county.  
 11169 *Cendrinus pulverulendus* Cas. Hamilton, Morton and Clark counties.  
     *Rhyncolus eximius* Lec. Hamilton county.  
 9227 *Brachytarsus vestitus* Lec. Clark county.  
 9054 *Corchylus punctatissimus* Zimm. Onaga, June. One specimen.  
 4097 *Cardiophorus convexus* Say. Belvidere, July 2. One specimen.  
 7139 *Bruchus protractus* Horn. Belvidere, July 2. One specimen.